

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/541,821
Source: PG
Date Processed by STIC: 5/26/06

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PCT

RAW SEQUENCE LISTING

DATE: 05/26/2006

PATENT APPLICATION: US/10/541,821

TIME: 08:23:50

Input Set : A:\283125US0XPCT.ST25.txt

Output Set: N:\CRF4\05262006\J541821.raw

3 <110> APPLICANT: Sugiyama, Haruo
 4 Takasu, Hideo
 5 Samizo, Fumio
 7 <120> TITLE OF INVENTION: DIMERIZED PEPTIDE
 9 <130> FILE REFERENCE: 283125US0XPCT
 11 <140> CURRENT APPLICATION NUMBER: 10/541,821
 12 <141> CURRENT FILING DATE: 2005-07-11
 14 <150> PRIOR APPLICATION NUMBER: JP 2003-007122
 15 <151> PRIOR FILING DATE: 2003-01-15
 17 <160> NUMBER OF SEQ ID NOS: 72
 19 <170> SOFTWARE: PatentIn version 3.3
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 449
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Synthetic Peptide
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 32 1 5 10 15
 35 Ser Leu Gly Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala
 36 20 25 30
 39 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
 40 35 40 45
 43 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro
 44 50 55 60
 47 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
 48 65 70 75 80
 51 Ala Glu Pro His Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
 52 85 90 95
 55 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
 56 100 105 110
 59 Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
 60 115 120 125
 63 Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
 64 130 135 140
 67 Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr
 68 145 150 155 160
 71 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe
 72 165 170 175
 75 Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln
 76 180 185 190
 79 Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser

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80          195          200          205
83 Cys Thr Gly Ser Gln Ala Leu Leu Arg Thr Pro Tyr Ser Ser Asp
84      210          215          220
87 Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln
88 225          230          235          240
91 Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser
92          245          250          255
95 Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu
96          260          265          270
99 Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile
100          275          280          285
103 His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro
104      290          295          300
107 Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys
108 305          310          315          320
111 Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys
112          325          330          335
115 Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro
116          340          345          350
119 Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp
120          355          360          365
123 Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln
124      370          375          380
127 Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr
128 385          390          395          400
131 His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys
132          405          410          415
135 Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val
136          420          425          430
139 Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala
140          435          440          445
143 Leu
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149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Synthetic Peptide
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158 1          5
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162 <211> LENGTH: 9
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Synthetic Peptide
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175 <210> SEQ ID NO: 4
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177 <212> TYPE: PRT
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186 1 5
189 <210> SEQ ID NO: 5
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191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial
194 <220> FEATURE:
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200 1 5
203 <210> SEQ ID NO: 6
204 <211> LENGTH: 9
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic Peptide
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213 Lys Thr Cys Gln Arg Lys Phe Ser Arg
214 1 5
217 <210> SEQ ID NO: 7
218 <211> LENGTH: 9
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial
222 <220> FEATURE:
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228 1 5
231 <210> SEQ ID NO: 8
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233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial
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239 <400> SEQUENCE: 8
241 Gln Leu Glu Cys Met Thr Trp Asn Gln
242 1 5
245 <210> SEQ ID NO: 9
246 <211> LENGTH: 9
247 <212> TYPE: PRT

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248 <213> ORGANISM: Artificial
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251 <223> OTHER INFORMATION: Synthetic Peptide
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255 Thr Ser Glu Lys Arg Pro Phe Met Cys
256 1 5
259 <210> SEQ ID NO: 10
260 <211> LENGTH: 9
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Synthetic Peptide
267 <400> SEQUENCE: 10
269 Ile Leu Cys Gly Ala Gln Tyr Arg Ile
270 1 5
273 <210> SEQ ID NO: 11
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275 <212> TYPE: PRT
276 <213> ORGANISM: Artificial
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284 1 5
287 <210> SEQ ID NO: 12
288 <211> LENGTH: 9
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290 <213> ORGANISM: Artificial
292 <220> FEATURE:
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303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial
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311 Lys Thr Ser Glu Lys Pro Phe Ser Cys
312 1 5
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321 <223> OTHER INFORMATION: Synthetic Peptide
323 <400> SEQUENCE: 14

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Input Set : A:\283125US0XPCT.ST25.txt

Output Set: N:\CRF4\05262006\J541821.raw

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326 1 5
329 <210> SEQ ID NO: 15
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332 <213> ORGANISM: Artificial
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335 <223> OTHER INFORMATION: Synthetic Peptide
337 <400> SEQUENCE: 15
339 Glu Gln Cys Leu Ser Ala Phe Thr Val
340 1 5
343 <210> SEQ ID NO: 16
344 <211> LENGTH: 9
345 <212> TYPE: PRT
346 <213> ORGANISM: Artificial
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353 Ser Val Pro Pro Pro Val Tyr Gly Cys
354 1 5
357 <210> SEQ ID NO: 17
358 <211> LENGTH: 9
359 <212> TYPE: PRT
360 <213> ORGANISM: Artificial
362 <220> FEATURE:
363 <223> OTHER INFORMATION: Synthetic Peptide
365 <400> SEQUENCE: 17
367 Ala Glu Pro His Glu Glu Gln Cys Leu
368 1 5
371 <210> SEQ ID NO: 18
372 <211> LENGTH: 9
373 <212> TYPE: PRT
374 <213> ORGANISM: Artificial
376 <220> FEATURE:
377 <223> OTHER INFORMATION: Synthetic Peptide
379 <400> SEQUENCE: 18
381 Asp Phe Lys Asp Cys Glu Arg Arg Phe
382 1 5
385 <210> SEQ ID NO: 19
386 <211> LENGTH: 9
387 <212> TYPE: PRT
388 <213> ORGANISM: Artificial
390 <220> FEATURE:
391 <223> OTHER INFORMATION: Synthetic Peptide
393 <400> SEQUENCE: 19
395 Ala Tyr Pro Gly Cys Asn Lys Arg Tyr
396 1 5
399 <210> SEQ ID NO: 20
400 <211> LENGTH: 9

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/26/2006
PATENT APPLICATION: US/10/541,821 TIME: 08:23:51

Input Set : A:\283125US0XPCT.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:72; Xaa Pos. 2,9

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51

Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72

VERIFICATION SUMMARY

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L:1148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0